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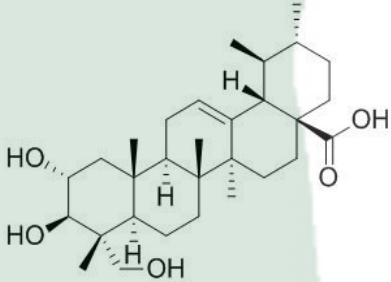
86-21-51320588-8008/8035/8026/8025

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|                |                                       |                                                                                                         |
|----------------|---------------------------------------|---------------------------------------------------------------------------------------------------------|
| PRODUCT ID     | E-0199                                | <b>Structure</b><br> |
| PRODUCT        | Asiatic acid/积雪草酸                     |                                                                                                         |
| STANDARD TYPE  | Quantitative Reference Standard/ 含量测定 |                                                                                                         |
| LOT NUMBER     | 18041641                              |                                                                                                         |
| ASSAY METHOD   | HPLC,MS,NMR                           |                                                                                                         |
| DATE OF SAMPLE | 2018-04-16                            |                                                                                                         |
| DATE OF REPORT | 2018-04-16                            |                                                                                                         |

|                      |                                                |
|----------------------|------------------------------------------------|
| OTHER NAME           | 亚细亚酸                                           |
| CHEMICAL FORMULA     | C <sub>30</sub> H <sub>48</sub> O <sub>5</sub> |
| MOLECULAR WEIGHT(MW) | 488.7                                          |
| CAS NUMBER           | 464-92-6                                       |
| CHEMICAL FAMILY      | Triterpenoid                                   |

#### ANALYTICAL RESULT

| TEST             | METHOD         | SPECIFICATION | RESULT   |
|------------------|----------------|---------------|----------|
| HPLC             | Q/TFFK792—2010 | NLT ≥96.0%    | 96.5%    |
| NMR              |                | Conforms      | Conforms |
| MS               |                | Conforms      | Conforms |
| Residual Solvent | Q/TFFK792—2010 | NA            | ND       |
| Water            | Q/TFFK792—2010 | ≤2%           | Conforms |
| Appearance       |                | White Powder  | Conforms |

#### STORAGE CONDITIONS

|            |                    |
|------------|--------------------|
| STORAGE    | Refer to the label |
| SHELF LIFE | 2 Years            |

Analyst

Checker

Manager

# Product Analysis Report

Product Name: Asiatic acid

Chrom-Column: C18

Lot Number: 18041641

Mobile Phase: ACN: 0.1%H3PO4=45:55

Temperature: 25°C

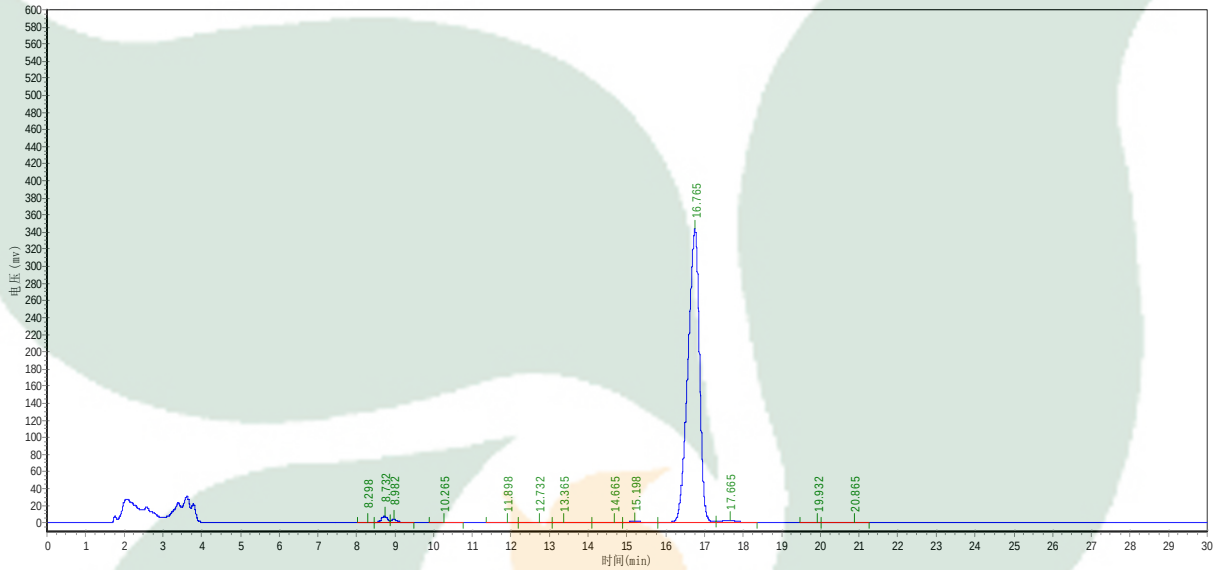
Wavelength: 204nm

Detect Time: 2018-04-16

Inject Vol: 20μL

Sample dissolution: MeOH

Flow: 1ml/min



| No. | Ret.Time<br>min | Height<br>mAU | Area<br>mAU*min | Rel.Area<br>% |
|-----|-----------------|---------------|-----------------|---------------|
| 1   | 8.298           | 103.184       | 1452.785        | 0.0196        |
| 3   | 8.732           | 7247.483      | 87003.563       | 1.1740        |
| 3   | 8.982           | 3653.655      | 41695.152       | 0.5626        |
| 4   | 10.265          | 302.132       | 4764.400        | 0.0643        |
| 5   | 11.898          | 17.320        | 296.100         | 0.0040        |
| 6   | 12.732          | 333.333       | 6042.333        | 0.0815        |
| 7   | 13.365          | 445.667       | 8292.667        | 0.1119        |
| 8   | 14.665          | 443.680       | 8353.500        | 0.1127        |
| 9   | 15.198          | 1281.555      | 28142.393       | 0.3798        |
| 10  | 16.765          | 342145.375    | 7152758.500     | 96.5208       |
| 11  | 17.665          | 2588.102      | 69904.703       | 0.9433        |
| 12  | 19.932          | 14.176        | 211.200         | 0.0028        |
| 13  | 20.865          | 55.919        | 1669.000        | 0.0225        |